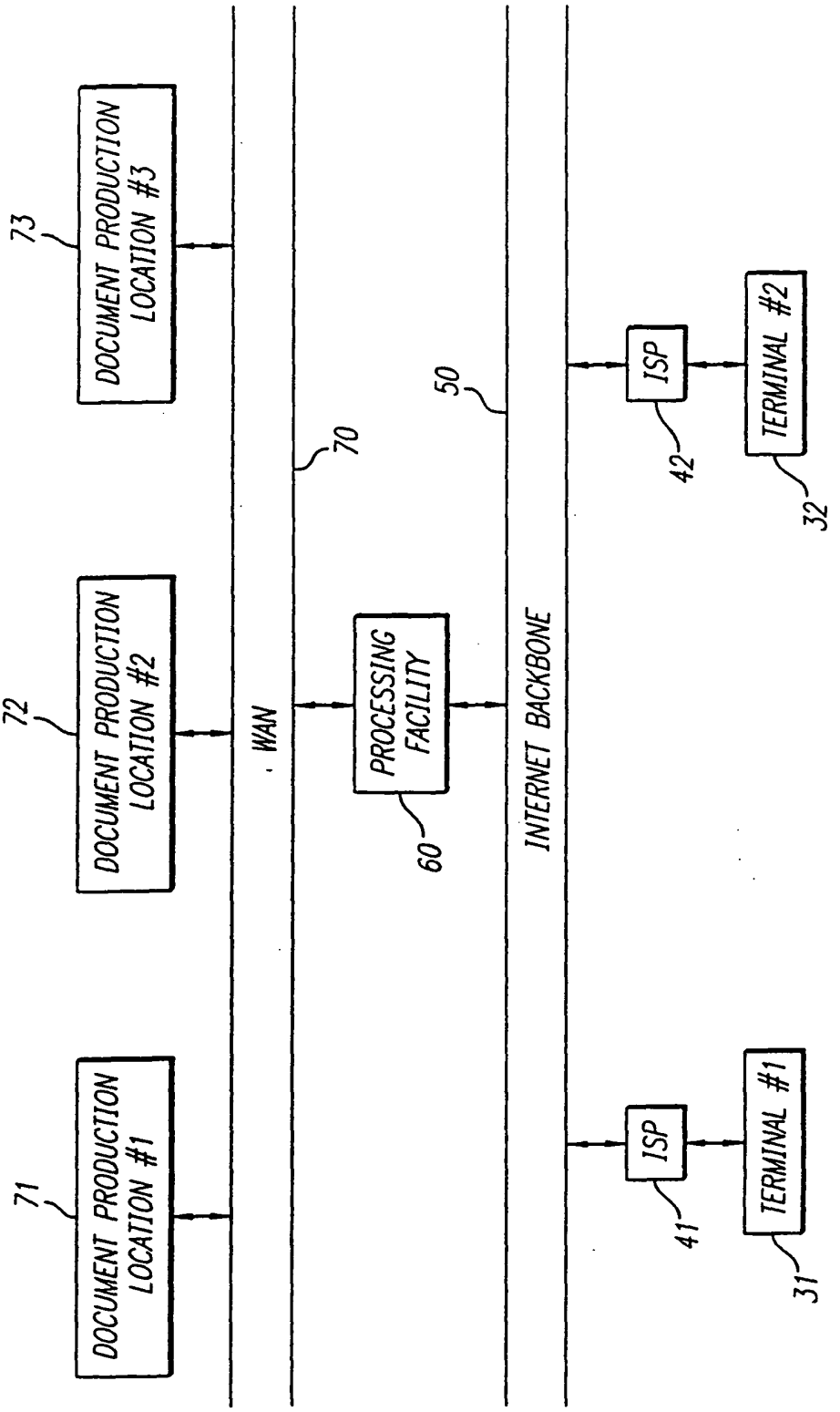

DOCUMENT PRODUCTION LOCATION #1
71
DOCUMENT PRODUCTION LOCATION #2
72
DOCUMENT PRODUCTION LOCATION #3
73
WAN
70
PROCESSING FACILITY
60
50
INTERNET BACKBONE
ISP
41
TERMINAL #1
31
ISP
42
TERMINAL #2
32

FIG. 1

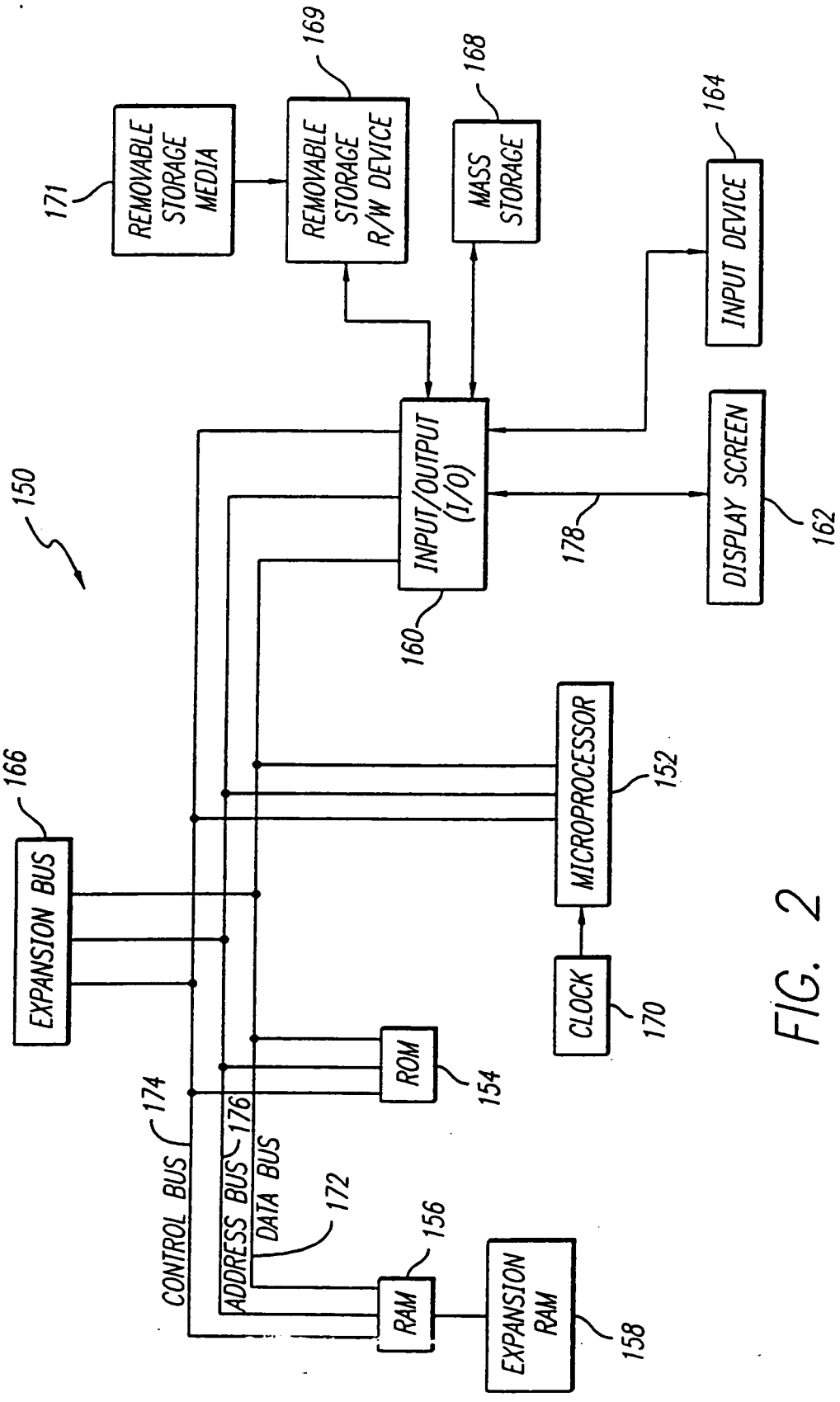

150
171
REMOVABLE STORAGE MEDIA
169
REMOVABLE STORAGE R/W DEVICE
168
MASS STORAGE
164
INPUT DEVICE
INPUT/OUTPUT (I/O)
160
178
DISPLAY SCREEN
162
166
EXPANSION BUS
MICROPROCESSOR
152
CLOCK
170
ROM
154
174
CONTROL BUS
176
ADDRESS BUS
DATA BUS
172
156
RAM
EXPANSION RAM
158

FIG. 2

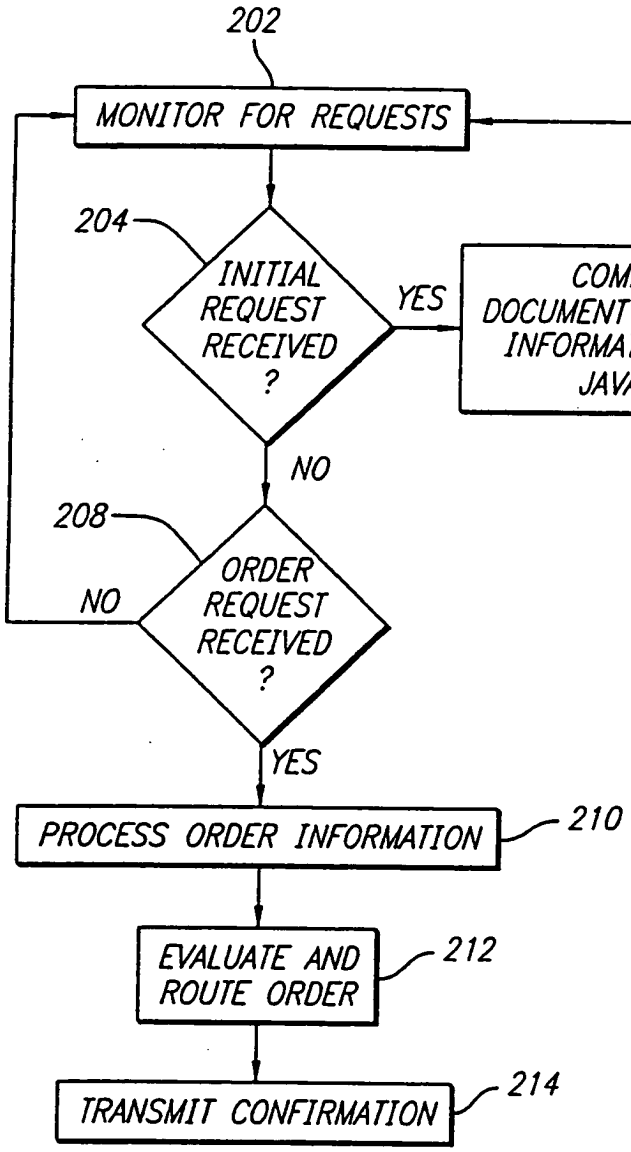

202
MONITOR FOR REQUESTS
204
INITIAL REQUEST RECEIVED ?
YES
206
COMMUNICATE DOCUMENT SPECIFICATION INFORMATION;TRANSMIT JAVA APPLET
NO
208
ORDER REQUEST RECEIVED ?
NO
YES
PROCESS ORDER INFORMATION
210
EVALUATE AND ROUTE ORDER
212
TRANSMIT CONFIRMATION
214

FIG. 3

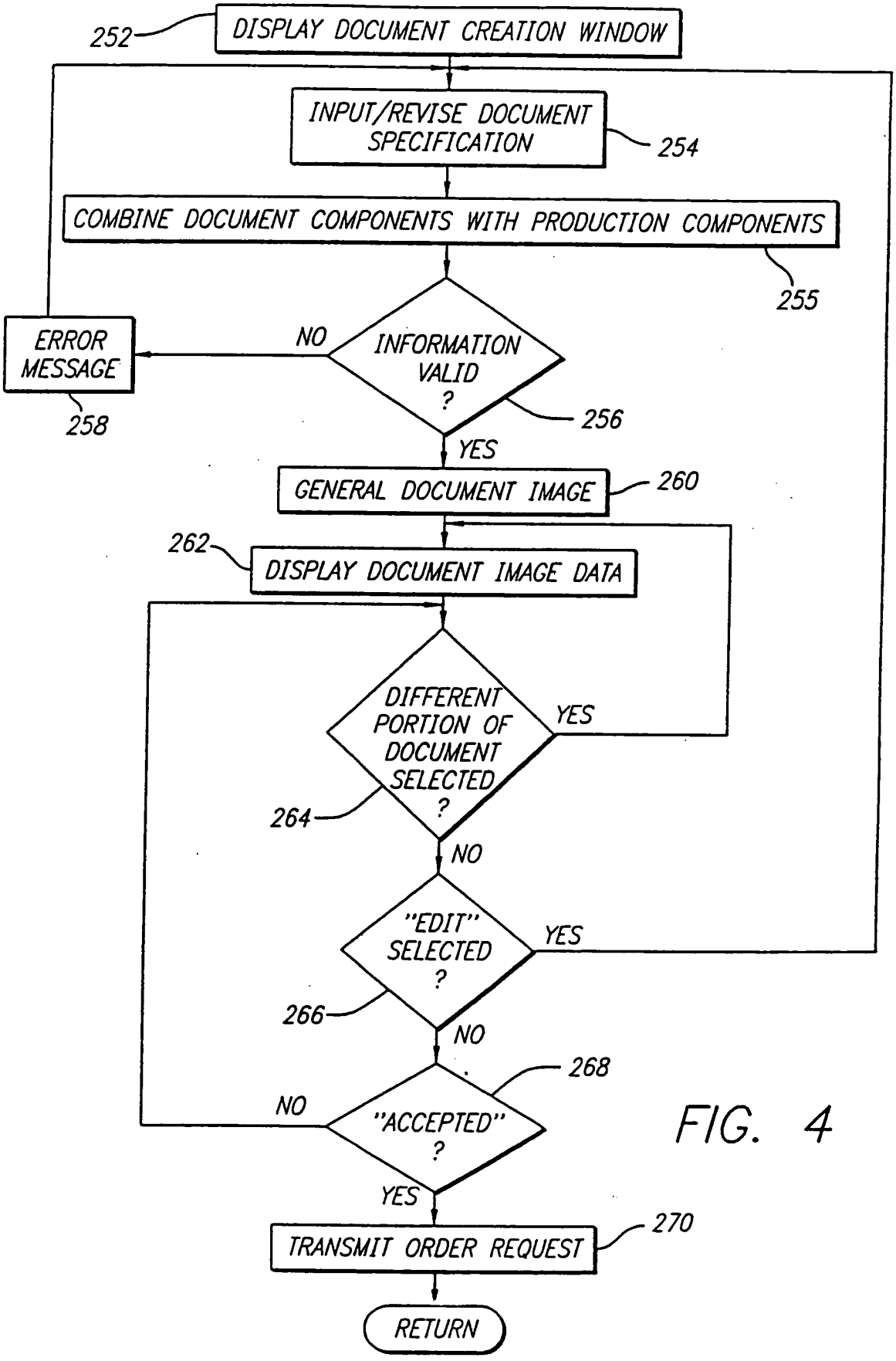

252
DISPLAY DOCUMENT CREATION WINDOW
INPUT/REVISE DOCUMENT SPECIFICATION
254
COMBINE DOCUMENT COMPONENTS WITH PRODUCTION COMPONENTS
255
INFORMATION VALID ?
NO
ERROR MESSAGE
258
256
YES
GENERAL DOCUMENT IMAGE
260
262
DISPLAY DOCUMENT IMAGE DATA
DIFFERENT PORTION OF DOCUMENT SELECTED ?
YES
264
NO
"EDIT" SELECTED ?
YES
266
NO
268
"ACCEPTED" ?
NO
YES
TRANSMIT ORDER REQUEST
270
RETURN

FIG. 4

FIG. 5A

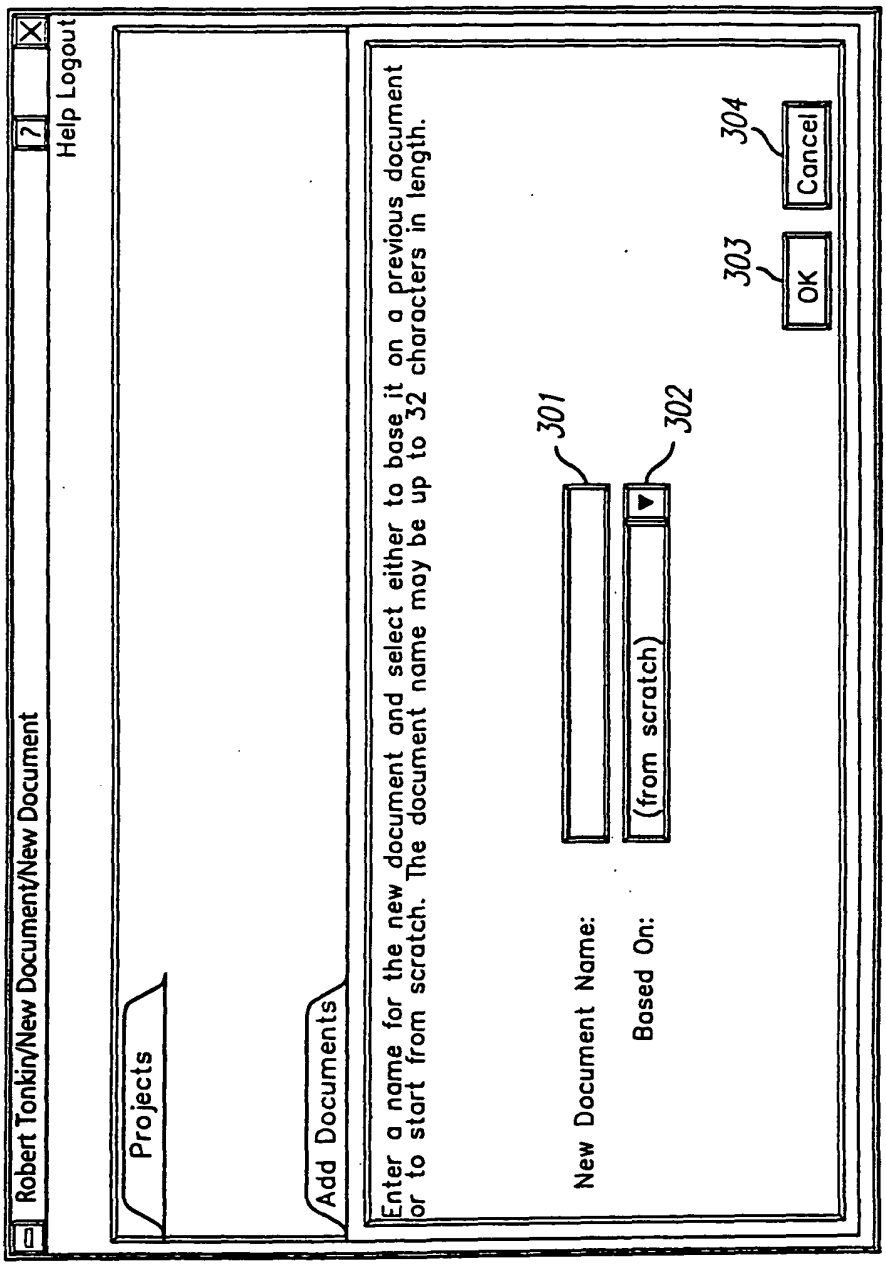

300
Robert Tonkin/New Document/New Document
Help Logout
Projects
Add Documents
Enter a name for the new document and select either to base it on a previous document or to start from scratch. The document name may be up to 32 characters in length.
New Document Name:
Based On:
(from scratch)
301
302
303
OK
304
Cancel

FIG. 5B

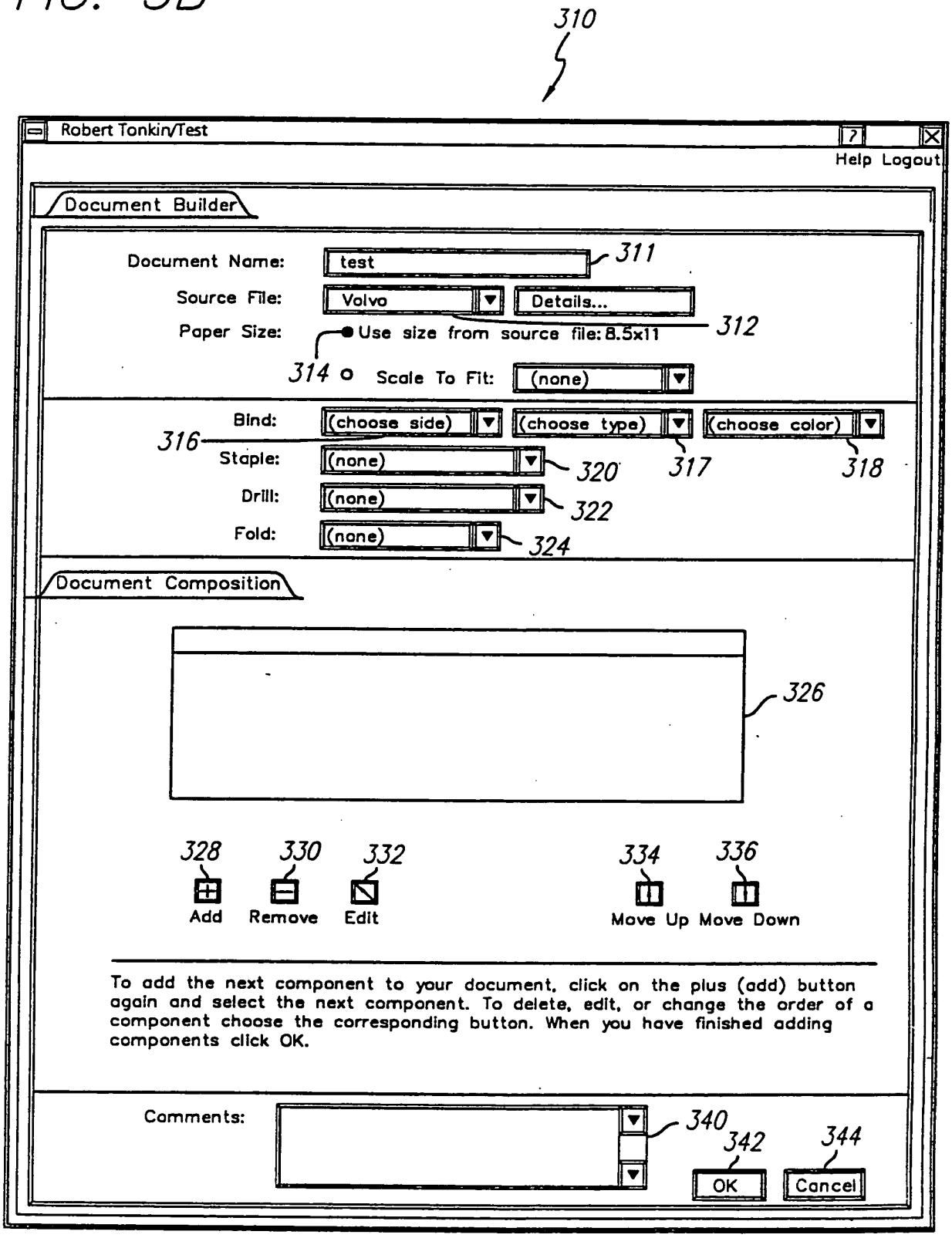

310
Robert Tonkin/Test
Help Logout
Document Builder
Document Name:
test
311
Source File:
Volvo
Details...
Paper Size:
Use size from source file: 8.5x11
312
314
Scale To Fit:
(none)
Bind:
(choose side)
(choose type)
(choose color)
316
317
318
Staple:
(none)
320
Drill:
(none)
322
Fold:
(none)
324
Document Composition
326
328
330
332
334
336
Add
Remove
Edit
Move Up
Move Down
To add the next component to your document, click on the plus (add) button again and select the next component. To delete, edit, or change the order of a component choose the corresponding button. When you have finished adding components click OK.
Comments:
340
342
344
OK
Cancel

FIG. 5C

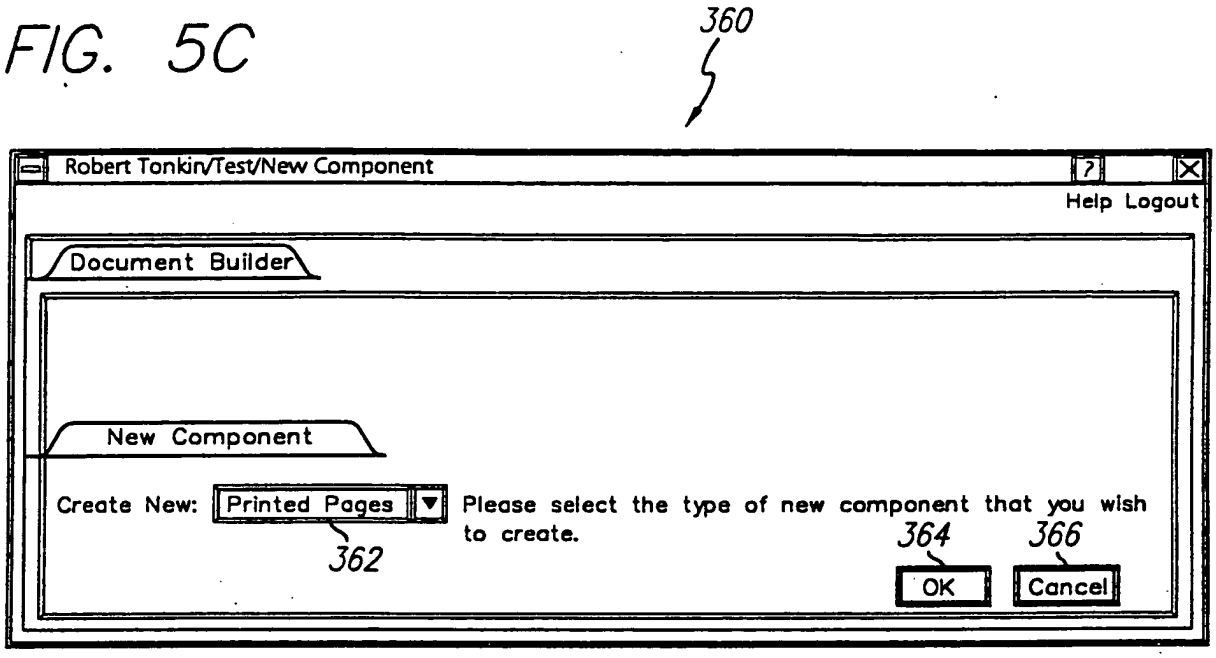

360
Robert Tonkin/Test/New Component
Help Logout
Document Builder
New Component
Create New:
Printed Pages
362
Please select the type of new component that you wish to create.
364
366
OK
Cancel

FIG. 5D

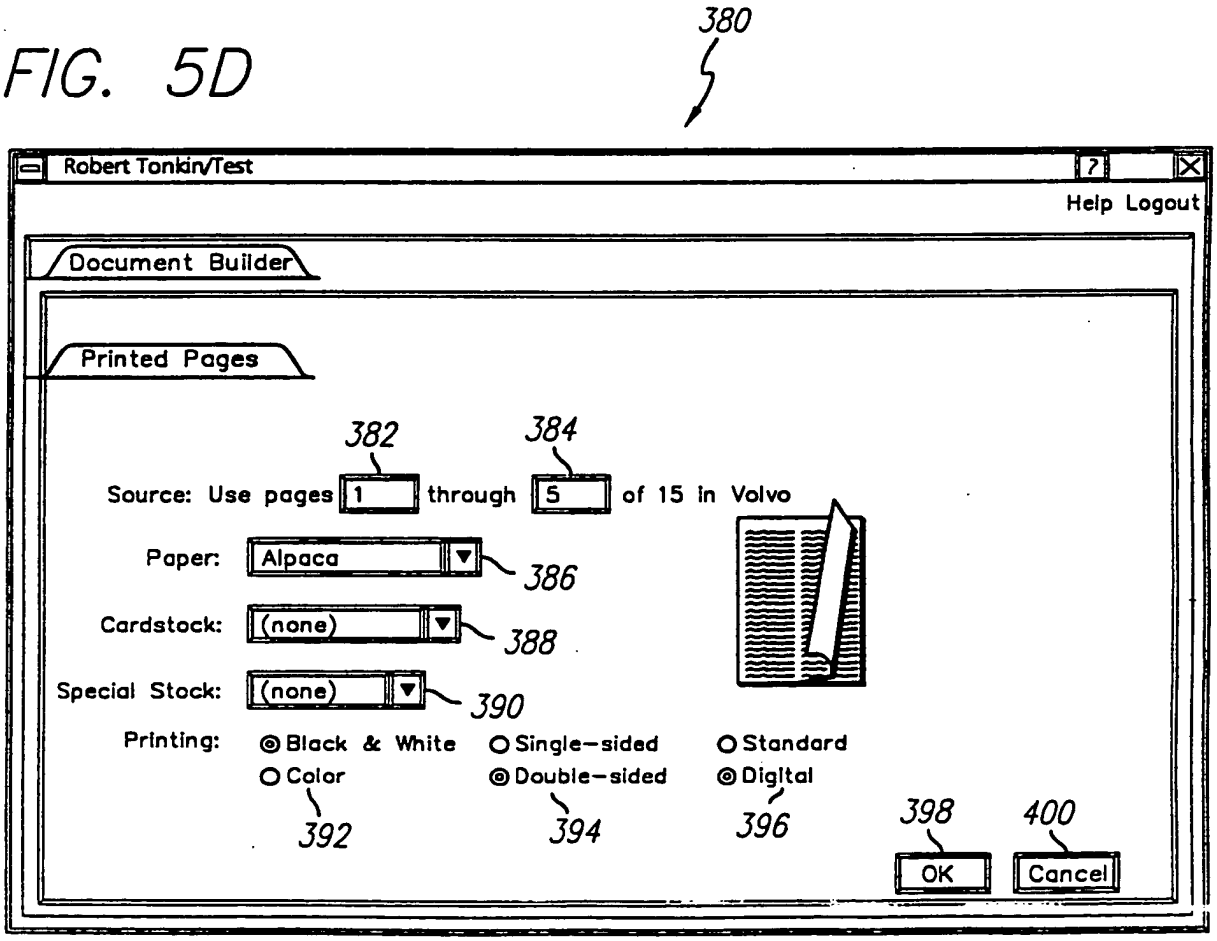

380
Robert Tonkin/Test
Help Logout
Document Builder
Printed Pages
382
384
Source: Use pages 1 through 5 of 15 in Volvo
Paper: Alpaca
386
Cardstock: (none)
388
Special Stock: (none)
390
Printing:
Black & White
Color
392
Single-sided
Double-sided
394
Standard
Digital
396
398
400
OK
Cancel

FIG. 5E

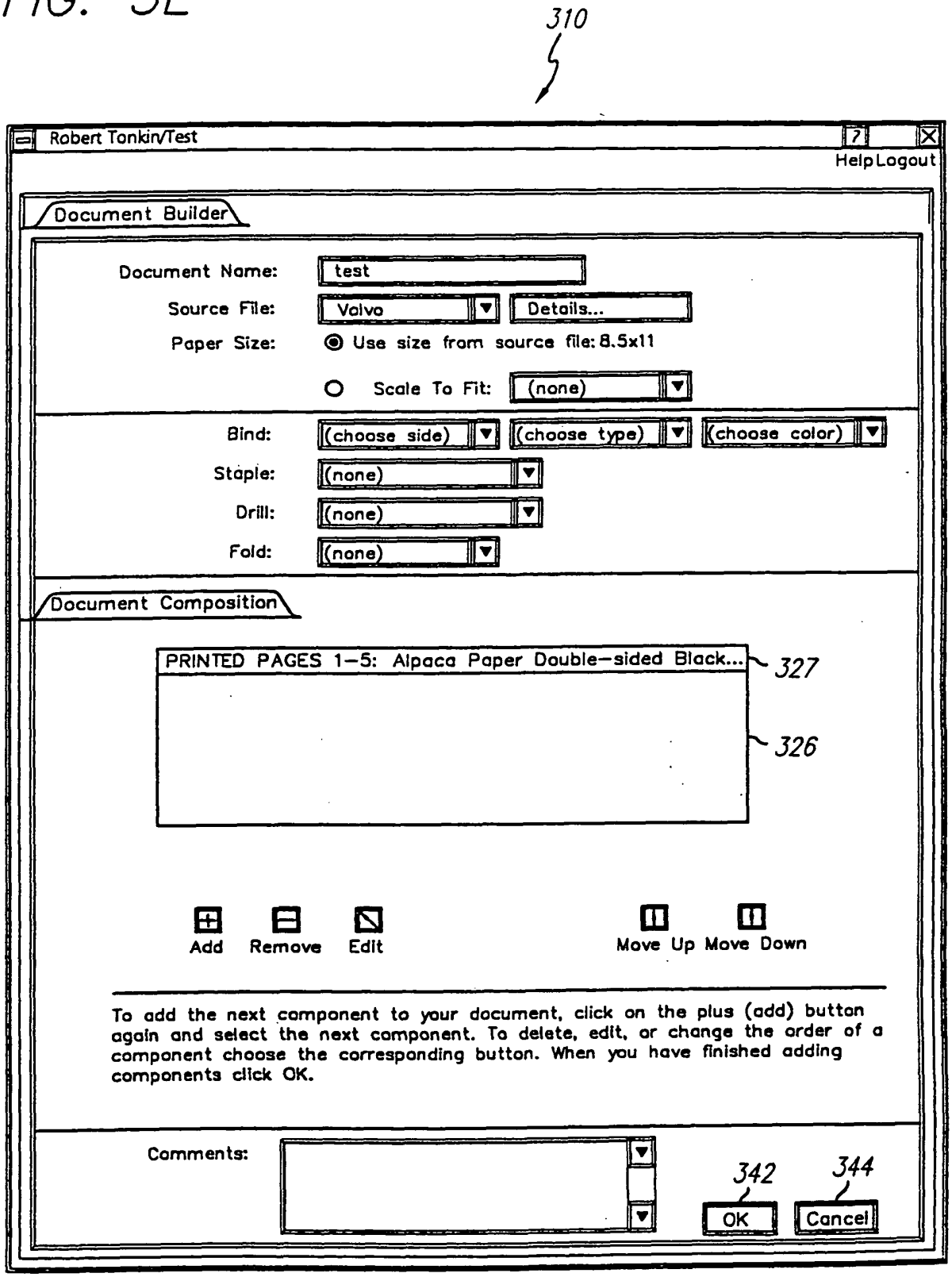

310
Robert Tonkin/Test
Help Logout
Document Builder
Document Name:
test
Source File:
Volvo
Details...
Paper Size:
Use size from source file: 8.5x11
Scale To Fit:
(none)
Bind:
(choose side)
(choose type)
(choose color)
Staple:
(none)
Drill:
(none)
Fold:
(none)
Document Composition
PRINTED PAGES 1–5: Alpaca Paper Double–sided Black...
327
326
Add
Remove
Edit
Move Up
Move Down
To add the next component to your document, click on the plus (add) button again and select the next component. To delete, edit, or change the order of a component choose the corresponding button. When you have finished adding components click OK.
Comments:
342
344
OK
Cancel

FIG. 5F

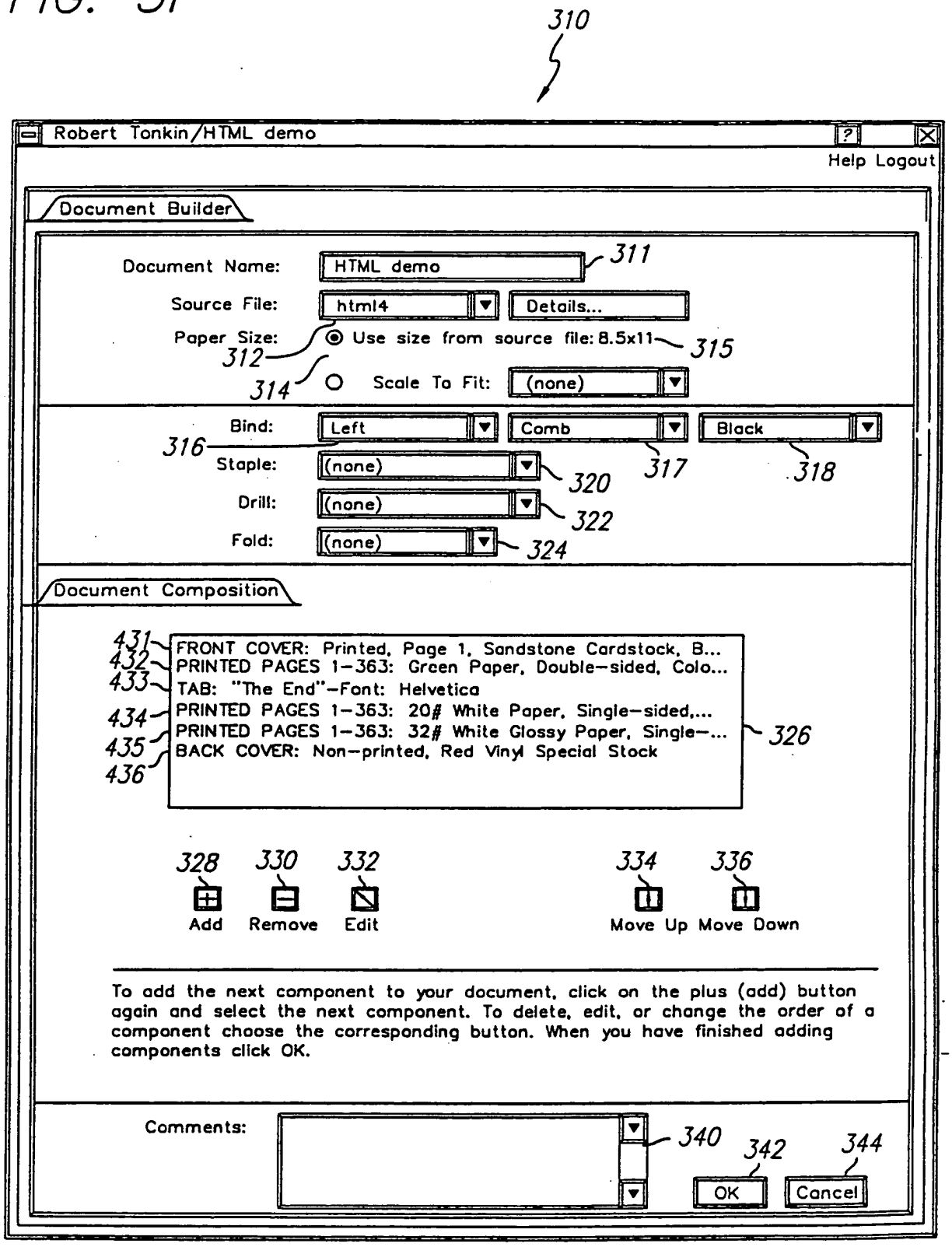

310
Robert Tonkin/HTML demo
Help Logout
Document Builder
Document Name:
HTML demo
311
Source File:
html4
Details...
Paper Size:
Use size from source file: 8.5x11
315
312
314
Scale To Fit:
(none)
Bind:
Left
Comb
Black
316
Staple:
(none)
320
317
318
Drill:
(none)
322
Fold:
(none)
324
Document Composition
431
432
433
434
435
436
FRONT COVER: Printed, Page 1, Sandstone Cardstock, B...
PRINTED PAGES 1-363: Green Paper, Double-sided, Colo...
TAB: "The End"-Font: Helvetica
PRINTED PAGES 1-363: 20# White Paper, Single-sided,...
PRINTED PAGES 1-363: 32# White Glossy Paper, Single-...
BACK COVER: Non-printed, Red Vinyl Special Stock
326
328
330
332
334
336
Add
Remove
Edit
Move Up
Move Down
To add the next component to your document, click on the plus (add) button again and select the next component. To delete, edit, or change the order of a component choose the corresponding button. When you have finished adding components click OK.
Comments:
340
342
344
OK
Cancel

FIG. 9

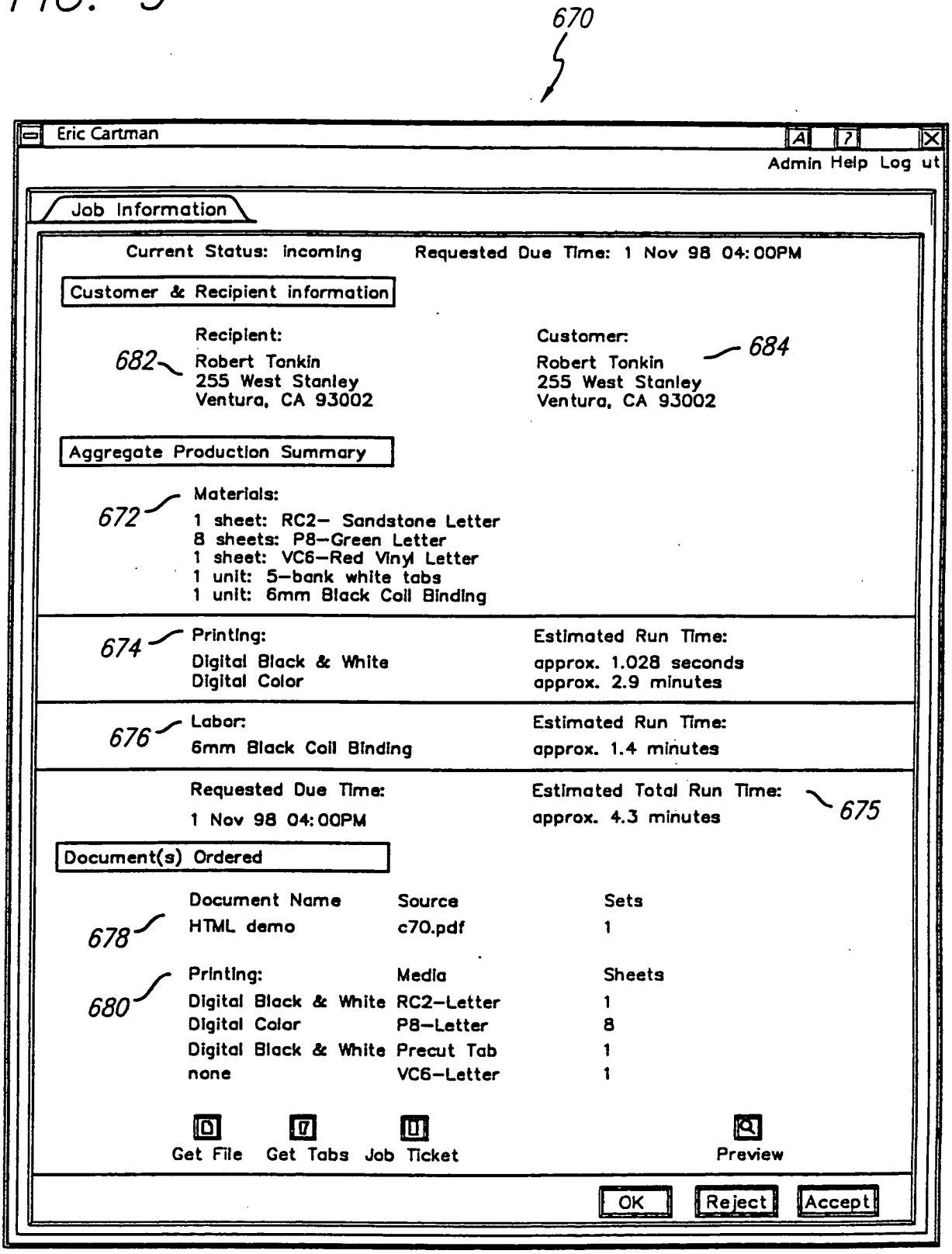

670
Eric Cartman
Admin Help Log ut
Job Information
Current Status: incoming
Requested Due Time: 1 Nov 98 04:00PM
Customer & Recipient information
Recipient:
682
Robert Tonkin
255 West Stanley
Ventura, CA 93002
Customer:
684
Robert Tonkin
255 West Stanley
Ventura, CA 93002
Aggregate Production Summary
672
Materials:
1 sheet: RC2– Sandstone Letter
8 sheets: P8–Green Letter
1 sheet: VC6–Red Vinyl Letter
1 unit: 5–bank white tabs
1 unit: 6mm Black Coil Binding
674
Printing:
Digital Black & White
Digital Color
Estimated Run Time:
approx. 1.028 seconds
approx. 2.9 minutes
676
Labor:
6mm Black Coil Binding
Estimated Run Time:
approx. 1.4 minutes
Requested Due Time:
1 Nov 98 04:00PM
Estimated Total Run Time:
approx. 4.3 minutes
675
Document(s) Ordered
678
Document Name
HTML demo
Source
c70.pdf
Sets
1
680
Printing:
Digital Black & White
Digital Color
Digital Black & White
none
Media
RC2–Letter
P8–Letter
Precut Tab
VC6–Letter
Sheets
1
8
1
1
Get File
Get Tabs
Job Ticket
Preview
OK
Reject
Accept

FIG. 8E

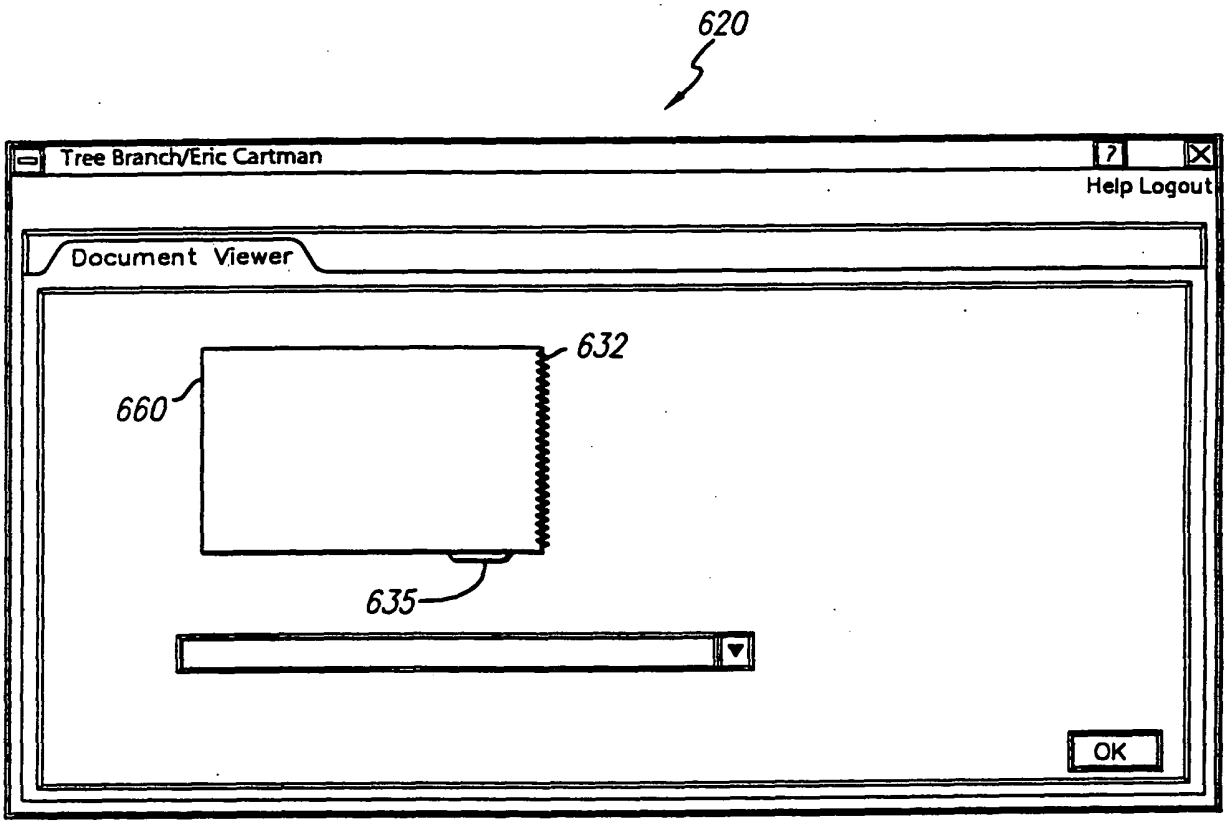
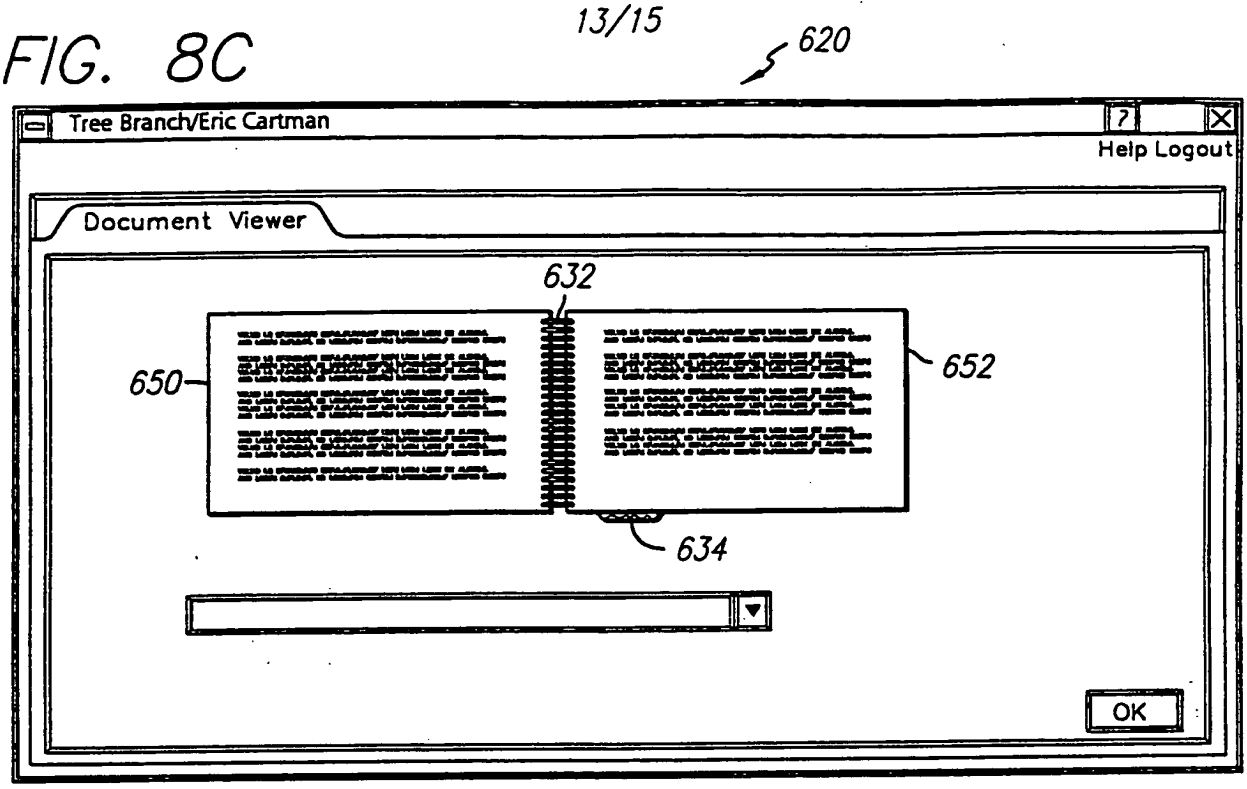

620
Tree Branch/Eric Cartman
Help Logout
Document Viewer
632
660
635
OK

FIG. 8C


620
Tree Branch/Eric Cartman
Help Logout
Document Viewer
632
650
652
634
OK

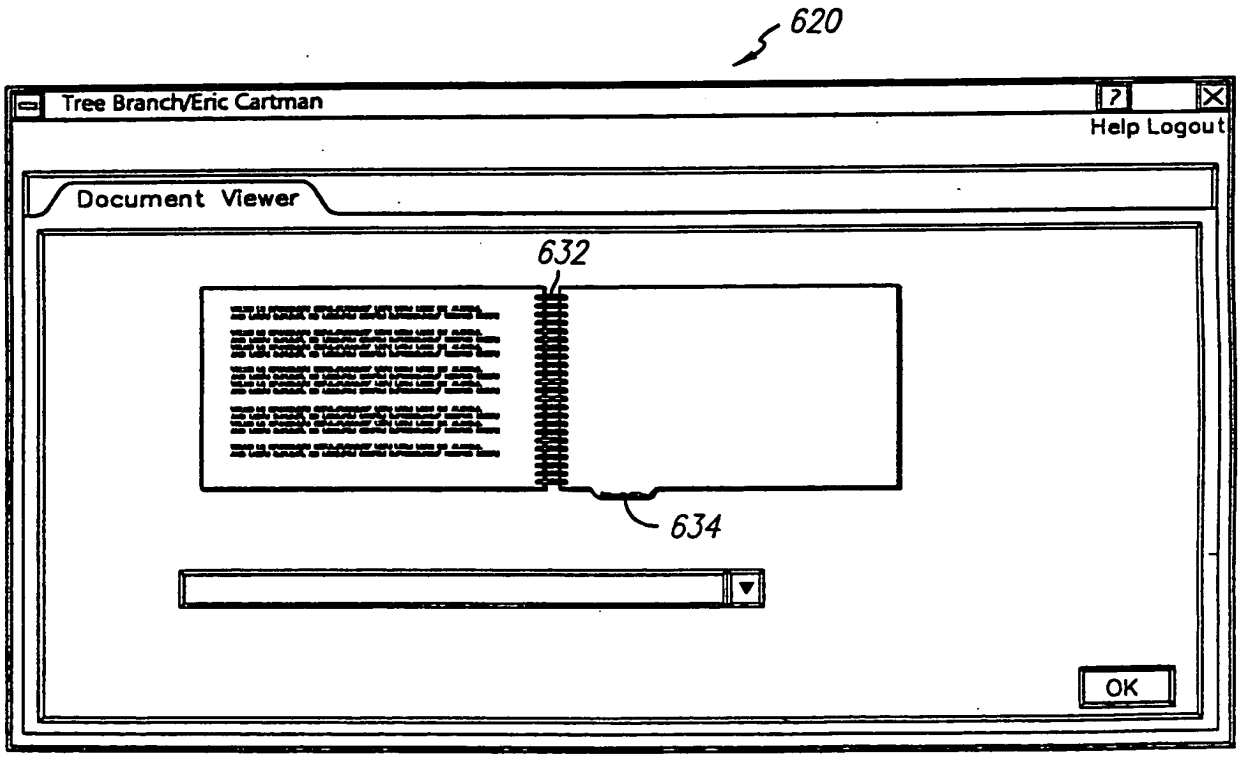
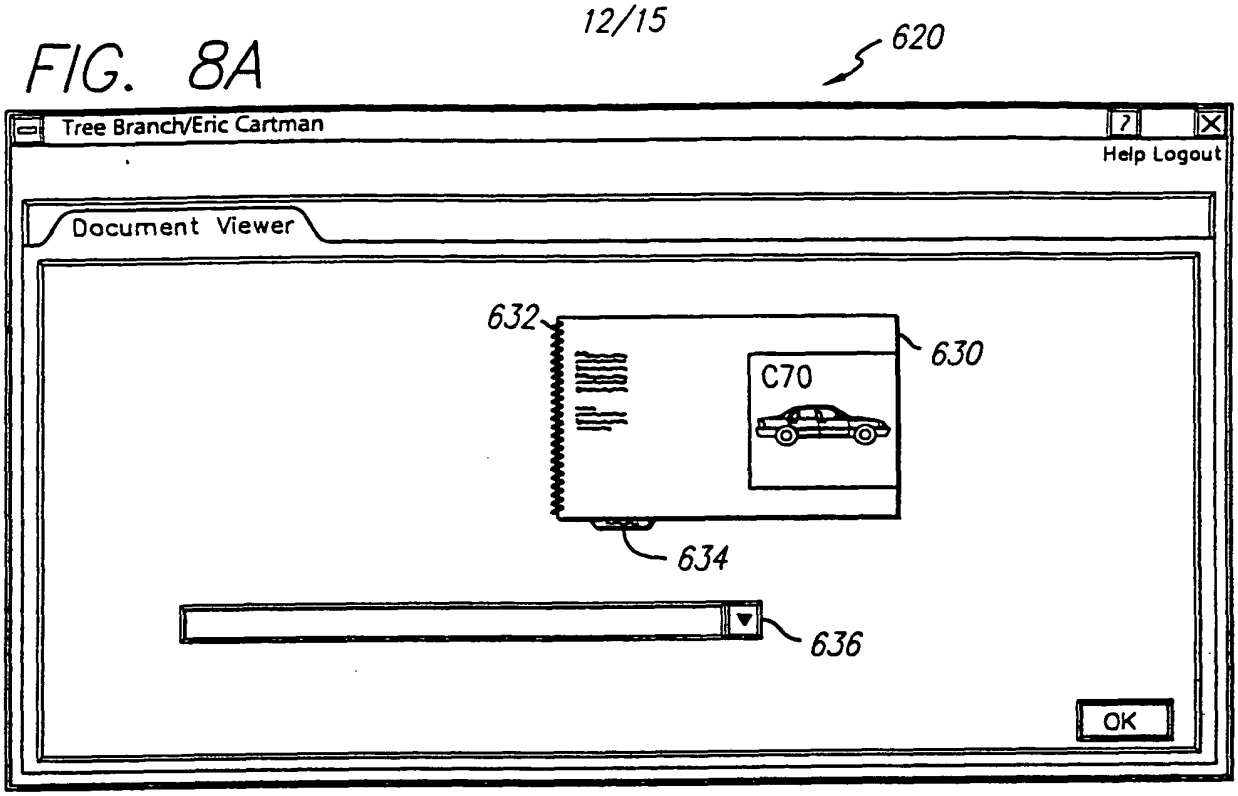

620
Tree Branch/Eric Cartman
Help Logout
Document Viewer
632
634
OK

FIG. 8D

FIG. 8A


620
Tree Branch/Eric Cartman
Help Logout
Document Viewer
632
630
C70
634
636
OK

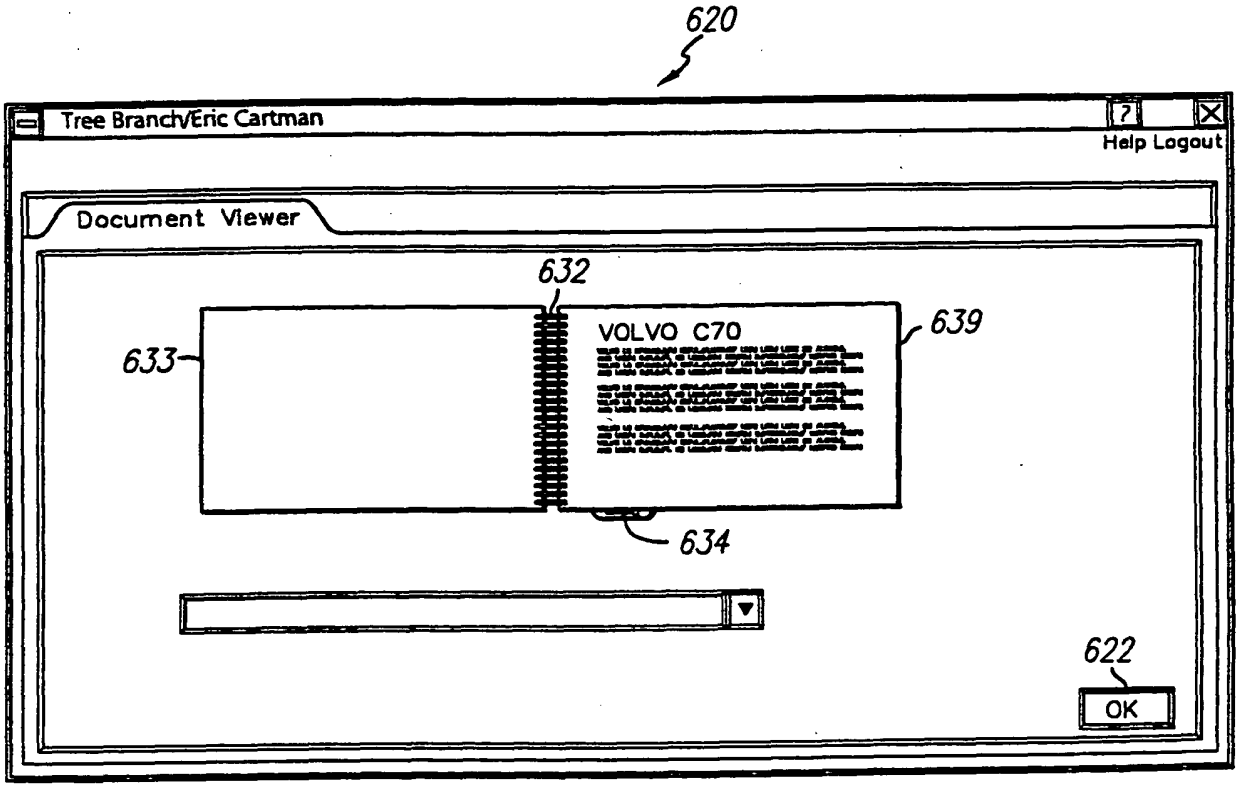
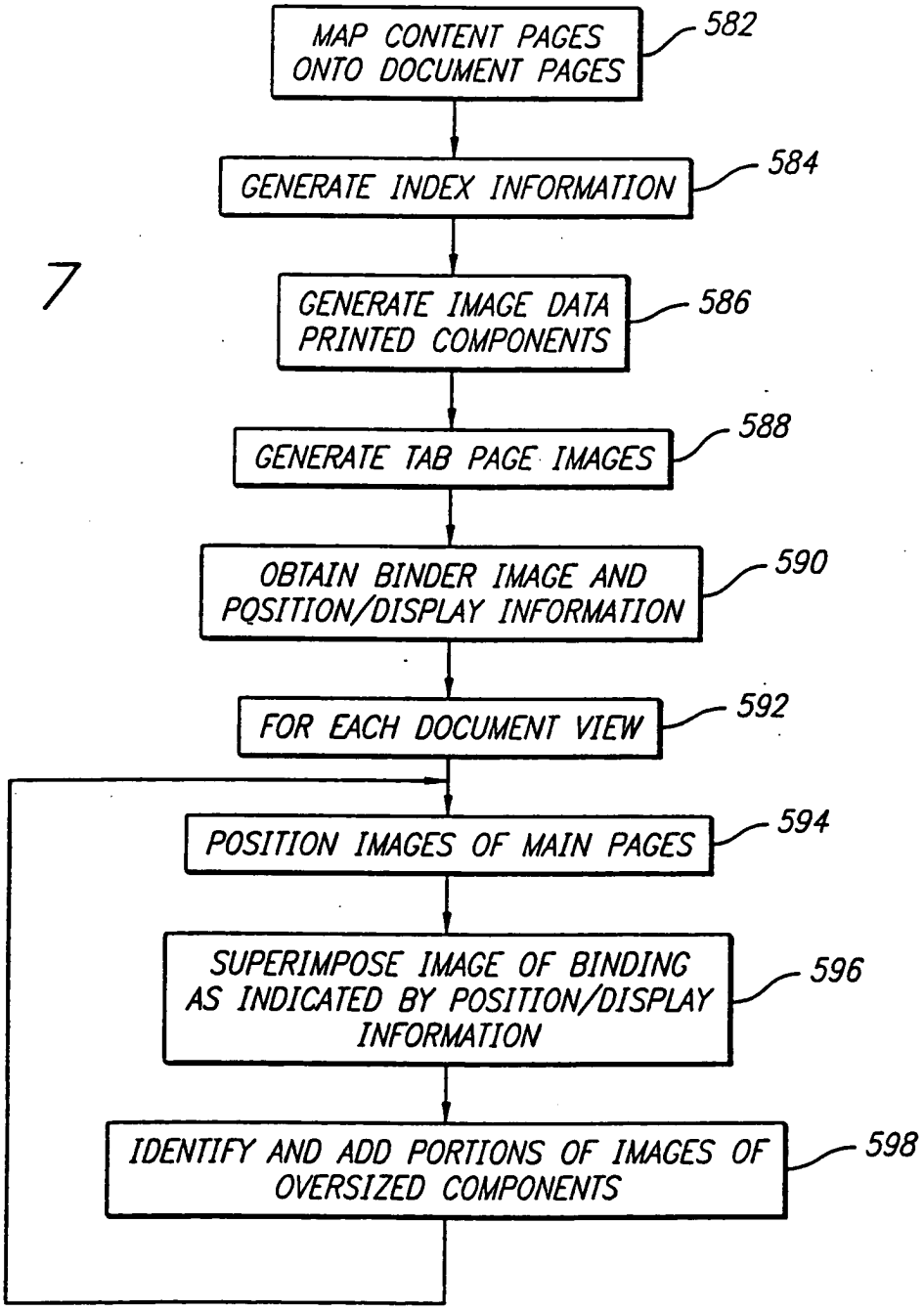

620
Tree Branch/Eric Cartman
Help Logout
Document Viewer
632
633
VOLVO C70
639
634
622
OK

FIG. 8B

FIG. 7


MAP CONTENT PAGES ONTO DOCUMENT PAGES
582
GENERATE INDEX INFORMATION
584
GENERATE IMAGE DATA PRINTED COMPONENTS
586
GENERATE TAB PAGE IMAGES
588
OBTAIN BINDER IMAGE AND POSITION/DISPLAY INFORMATION
590
FOR EACH DOCUMENT VIEW
592
POSITION IMAGES OF MAIN PAGES
594
SUPERIMPOSE IMAGE OF BINDING AS INDICATED BY POSITION/DISPLAY INFORMATION
596
IDENTIFY AND ADD PORTIONS OF IMAGES OF OVERSIZED COMPONENTS
598

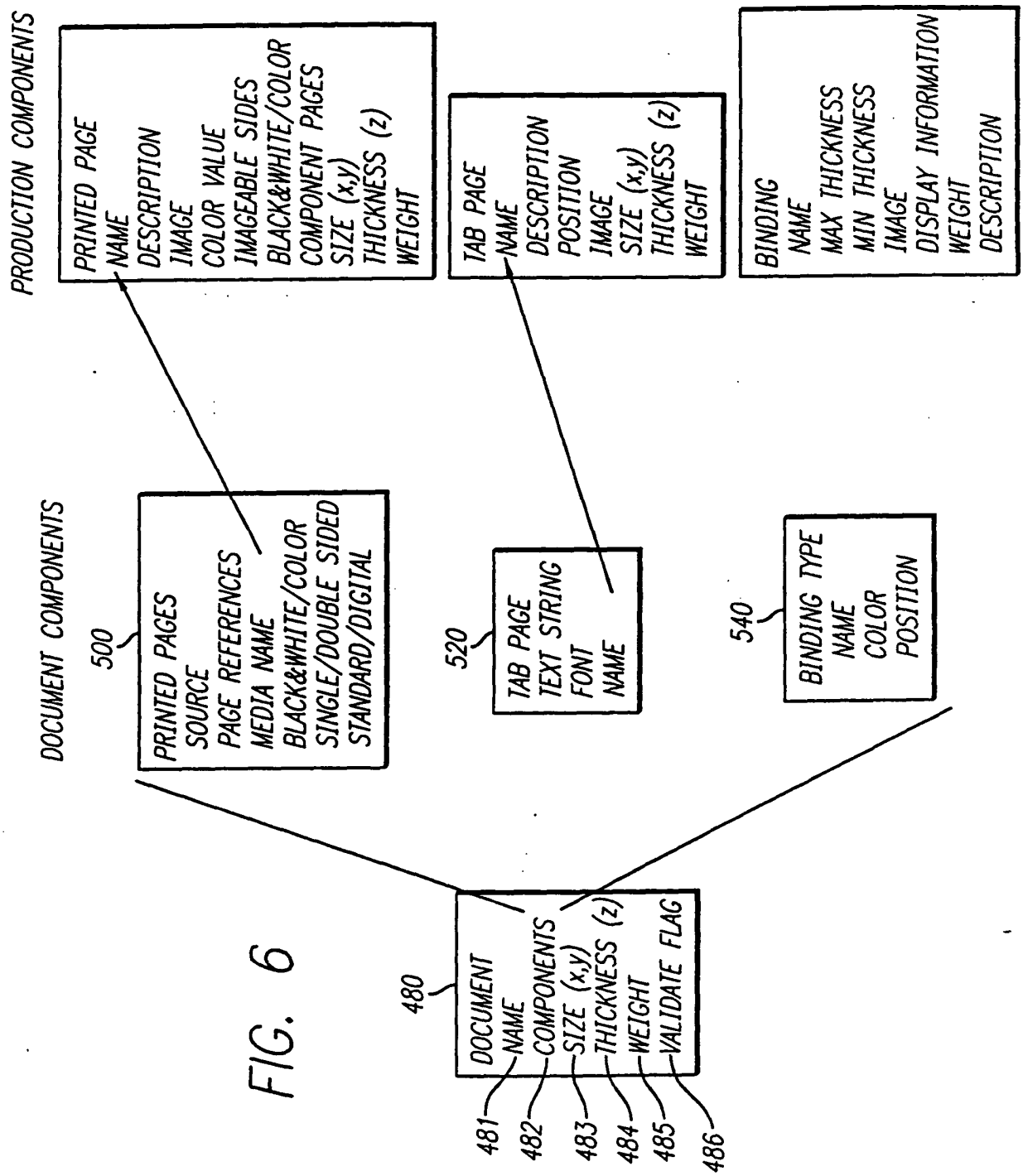

PRODUCTION COMPONENTS
PRINTED PAGE
NAME
DESCRIPTION
IMAGE
COLOR VALUE
IMAGEABLE SIDES
BLACK&WHITE/COLOR
COMPONENT PAGES
SIZE (x,y)
THICKNESS (z)
WEIGHT
TAB PAGE
NAME
DESCRIPTION
POSITION
IMAGE
SIZE (x,y)
THICKNESS (z)
WEIGHT
BINDING
NAME
MAX THICKNESS
MIN THICKNESS
IMAGE
DISPLAY INFORMATION
WEIGHT
DESCRIPTION
DOCUMENT COMPONENTS
500
PRINTED PAGES
SOURCE
PAGE REFERENCES
MEDIA NAME
BLACK&WHITE/COLOR
SINGLE/DOUBLE SIDED
STANDARD/DIGITAL
520
TAB PAGE
TEXT STRING
FONT
NAME
540
BINDING TYPE
NAME
COLOR
POSITION
480
DOCUMENT
NAME
COMPONENTS
SIZE (x,y)
THICKNESS (z)
WEIGHT
VALIDATE FLAG
481
482
483
484
485
486

FIG. 6